

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

FRANK VOLKE ET AL

U.S. Serial No.

Filed: January 4, 2005

HIGH RESOLUTION NMR PROBE HEAD  
FOR SMALL SAMPLE VOLUMES AND  
METHOD FOR OPERATING THE SAME

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Alexandria, Virginia  
January 4, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97

Dear Sir:

In relation to applicants' duty of disclosure,  
applicants are herewith advising the Patent Office of the  
following patent documents:

- \* U.S. Patent No. 3,512,078;
- \* U.S. Patent No. 5,146,166;
- \* U.S. Patent No. 5,237,276;
- \* U.S. Patent No. 5,397,989 (corresponds to  
German Patent No. 4234544);
- \* U.S. Patent No. 5,420,508; and

U.S. Patent 5,635,840 (corresponds to  
German Patent No. 695 07 939 T2); and

European Application No. 0 516 111 A1.

6465/PCT/Frank Volke et al  
[Based On PCT/DE03/002184]

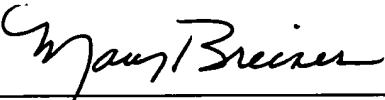
DTOS Rec'd PCT/PTO 04 JAN 2005

The above listed documents are set forth together with the applicants and issue or publication date thereof in the attached PTO Form 1449. Copies of foreign documents are also attached. The above documents (or a corresponding equivalent) denoted by an asterisk were cited in the International Search Report attached to WO 2004/005952 A1 for International Application No. PCT/DE03/002184, under which priority of the captioned application is claimed.

A copy of the International Search Report is attached.

Respectfully submitted,

FRANK VOLKE ET AL

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Attachments - International Search Report  
- PTO Form 1449 w/1 Document

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Complete if Known	
				Application Number	
				Filing Date	
				First Named Inventor	
				Group Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	
				6465/PCT	

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-3,512,078	May 12, 1970	Hugh J. Hall	
		US-5,146,166	September 8, 1992	Victor J. Bartuska	
		US-5,237,276	August 17, 1993	David G. Cory	
		US-5,397,989	April 21, 1994	Manfred Spraul et al	
		US-5,420,508	May 30, 1995	Thomas B. Smith	
		US-5,635,840	June 3, 1997	Akira Horigane et al	
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		EP 0 516 111 A1	12/02/1992	David G. Cory		

Examiner Signature		Date Considered	
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.